WHAT IS CLAIMED IS:

1. An inventory control system having a function of a supply chain planning system for planning various sorts of plans, comprising:

demand predicting means for calculating a predicted value of a demand; actual value calculating means for calculating an actual value which is compared with the predicted demand value; predicted remainder calculating means for calculating a difference between the predicted demand value and the actual value; parameter calculating means for calculating a parameter such as standard deviation by employing the predicted remainder; safety stock calculating means for calculating safety stock based upon said parameter; data storage means for storing thereinto data which is used in a calculation; and input means for accepting updating of a setting value such as a planning cycle, a procurement lead time, and a plan lead time; wherein:

upon receipt of updating of the setting value such as said planning cycle, said procurement lead time, and said plan lead time, data of an area, which is different from data read when the plan is made, is read from said data storage means into said demand predicting means, said actual value calculating means, said predicted remainder calculating means, said safety stock calculating means, and said parameter calculating means so as to execute various sorts of calculating process operation either one time or plural times.

2. In an inventory control system in which a planning cycle corresponding to a time period for establishing a plan, a plan lead time corresponding to a time period defined after the plan has been established until the plan is executed, and a setting value such as a procurement lead time corresponding to a time period defined from an order up to a shipment are contained in a parameter; and based upon both an actual value for a predetermined time period and a predicted demand for said predetermined time period, safety stock at a time instant succeeding said predetermined time period is calculated so as to control inventory;

said inventory control system comprising:

input means for accepting updating of the setting value such as said planning cycle, said plan lead time, and said procurement lead time; and

safety stock calculating means operated in such a manner that upon receipt of updating of the setting value such as said planning cycle, said plan lead time, and said procurement lead time from said input means, a time period to be calculated is changed in such a way that an end point of said predetermined time period becomes a past time instant with respect to a present time instant, and then, safety stock at the present time instant is calculated.

3. An inventory control system for controlling an inventory amount of an item, comprising:

demand predicting means for calculating a predicted value of a demand; supply plan calculating means for calculating a supply plan based upon said predicted demand value; progress managing means for performing a progress management by comparing said supply plan with an actual value; and inventory analyzing means for performing an inventory analysis based upon a difference between said supply plan and the actual value.

4. An inventory control system as claimed in claim 1, further comprising:

a data-source storage unit in which data employed in said various sorts of calculations are stored in a plurality of tables;

data copying/writing means for accepting a designation of a data table which is wanted to be used in said respective calculating process operations by said input means, and for writing the data of said designated table from said data-source storage unit into said data storage unit based upon a content of said accepted designation; and

fee collecting means for collecting a fee based upon a preset fee system in response to a sort of said data table.

5. An inventory control system as claimed in claim 4, further comprising:

fee collecting means for collecting a fee based upon a preset fee system in response to a sort of

said data table; and

data reading control means for controlling to read the data of said data table designated based upon the sort of said table wanted to be used with respect to the data-source storage unit for storing thereinto said plurality of tables, wherein

said input means accepts an input of a sort of a table which is wanted to be used while a function of said inventory control system is utilized.

6. An inventory control system as claimed in claim 5 wherein:

said input means accepts an input of either a designation of a record range or a designation of a data amount as to a table which is wanted to be used by a client; and

said fee collecting means collects a fee in response to information as to either said record range designation or said data amount designation.

7. An inventory control system as claimed in claim 4, further comprising:

a management server machine including said input means for further accepting an input of a table name which is wanted to be used when the function of said inventory control system is used, and ticket file issuing means for issuing a ticket file based upon said preset fee system in response to a sort of said table and for transmitting said issued ticket file to a client machine; and

a plurality of server machines including at least any one of said data copying/writing means and data reading control means, said data copying/writing means copying data of a designated table from the data-source storage unit for storing thereinto said plurality of tables based upon information indicated in said ticket file, and said data reading control means for controlling to read the data of said designated table based upon the information indicated in said ticket file with respect to the data-source storage unit for storing said plurality of tables.

8. An inventory control method comprising:

such a sequence that since a setting value such as a planning cycle, a plan lead time, and a procurement lead time is updated, data of an area, which is different from such data read when the plan is made, is read from data storage means into demand predicting means, actual value calculating means, predicted remainder calculating means, safety stock calculating means, and parameter calculating means so as to execute various sorts of calculating process operation either one time or plural times.

9. An inventory control method in which a planning cycle corresponding to a time period for establishing a plan, a plan lead time corresponding to a time period defined after the plan has been established until the plan is executed, and a setting value such as a procurement lead time corresponding to

a time period defined from an order up to a shipment are contained in a parameter; and based upon both an actual value for a predetermined time period and a predicted demand for said predetermined time period, safety stock at a time instant succeeding said predetermined time period is calculated so as to control inventory; wherein:

upon receipt of updating of the setting value such as said planning cycle, said plan lead time, and said procurement lead time from said input means, a time period to be calculated is changed in such a way that an end point of said predetermined time period becomes a past time instant with respect to a present time instant, and then, safety stock at the present time instant is calculated.

10. An inventory control fee-collecting method comprising:

a step for receiving from a client machine side, an input of a table name which is wanted to be used when a function of an inventory control system is utilized;

a step for issuing a ticket file based upon a preset fee system by calculating process means in response to a sort of said table;

a step for transmitting said issued ticket file to a client machine side; and

a step for copying data of a designated table from a data-source storage unit which stores thereinto

a plurality of tables based upon information indicated in said ticket file, and for writing said copied data into a data-destination storage unit in such a case that a client uses the function of said inventory control system based upon said ticket file.

11. An inventory control fee-collecting method comprising:

a step for receiving from a client machine side, an input of a table name which is wanted to be used when a function of an inventory control system is utilized;

a step for issuing a ticket file based upon a preset fee system by calculating process means in response to a sort of said table;

a step for transmitting said issued ticket file to a client machine side; and

a step for controlling to read data of a table designated based on information indicated in said ticket file with respect to a data-source storage unit for storing thereinto a plurality of tables in such a case that a client uses the function of said inventory control system based upon said ticket file.

12. An inventory control fee-collecting method as claimed in claim 10 wherein:

in said input step, an input of either a record range designation or a data amount designation is further accepted as to a table which is wanted to be used by the client; and

in said ticket file issuing step, a ticket file is issued in response to the information of either said record range designation or said data amount designation.

13. An inventory control fee-collecting method as claimed in claim 11 wherein:

in said input step, an input of either a record range designation or a data amount designation is further accepted as to a table which is wanted to be used by the client; and

in said ticket file issuing step, a ticket file is issued in response to the information of either said record range designation or said data amount designation.

14. A computer program product used in an information terminal, comprising:

at least one readable medium; and

a program code stored in said readable medium and including the below-mentioned steps executed by a processor of said information terminal; wherein:

said steps are comprised of:

a step for reading data of an area, which is different from data read when a plan is made, from data storage means into demand predicting means, actual value calculating means, predicted remainder calculating means, parameter calculating means, and safety stock calculating means when a planning cycle, a plan lead time, or a procurement lead time is updated;

and

a step for executing various sorts of calculating process operations either one time or plural times based upon said read data.

15. A computer program product used in an information terminal, comprising:

at least one readable medium; and

a program code stored in said readable medium and including the below-mentioned steps executed by a processor of said information terminal, comrising:

a step for accepting updating of such a setting value as a planning cycle corresponding to a time period for establishing a plan, a plan lead time corresponding to a time period defined after the plan has been established until the plan is executed, and a procurement lead time corresponding to a time period defined from an order up to a shipment;

a step for changing a time period to be calculated in such a manner that an end time instant of said time period becomes a past time instant from a present time instant; and

a step in which upon receipt of updating of the setting value such as said planning cycle, said plan lead time, and said procurement lead time from said input means, a time period to be calculated is changed in such a way that an end point of said predetermined time period becomes a past time instant with respect to a present time instant, so that safety

stock at the present time instant is calculated based upon both the actual value and the predicted demand of said changed time period.

16. A computer program product used in an information terminal, comprising:

at least one readable medium; and

a program code stored in said readable medium and including the below-mentioned steps executed by a processor of said information terminal; wherein:

said steps are comprised of:

a step for receiving from a client machine side, an input of a table name which is wanted to be used when a function of an inventory control system is utilized;

a step for issuing a ticket file based upon a preset fee system by calculating process means in response to a sort of said table;

a step for transmitting said issued ticket file to a client machine side; and

a step for copying data of a designated table from a data-source storage unit which stores thereinto a plurality of tables based upon information indicated in said ticket file, and for writing said copied data into a data-destination storage unit in such a case that a client uses the function of said inventory control system based upon said ticket file.

17. A computer program product used in an information terminal, comprising:

at least one readable medium; and

a program code stored in said readable medium and including the below-mentioned steps executed by a processor of said information terminal; wherein:

said steps are comprised of:

a step for receiving from a client machine side, an input of a table name which is wanted to be used when a function of an inventory control system is utilized;

a step for issuing a ticket file based upon a preset fee system by calculating process means in response to a sort of said table;

a step for transmitting said issued ticket file to a client machine side; and

a step for controlling to read data of a table designated based on information indicated in said ticket file with respect to a data-source storage unit for storing thereinto a plurality of tables in such a case that a client uses the function of said inventory control system based upon said ticket file.

18. A computer program product as claimed in claim 16 wherein:

in said input step, an input of either a record range designation or a data amount is further accepted as to a table which is wanted to be used by the client; and

in said ticket file issuing step, a ticket file is issued in response to the information of either

said record range designation or said data amount designation.

19. A computer program product as claimed in claim 17 wherein:

in said input step, an input of either a record range designation or a data amount is further accepted as to a table which is wanted to be used by the client; and

in said ticket file issuing step, a ticket file is issued in response to the information of either said record range designation or said data amount designation.